



#5

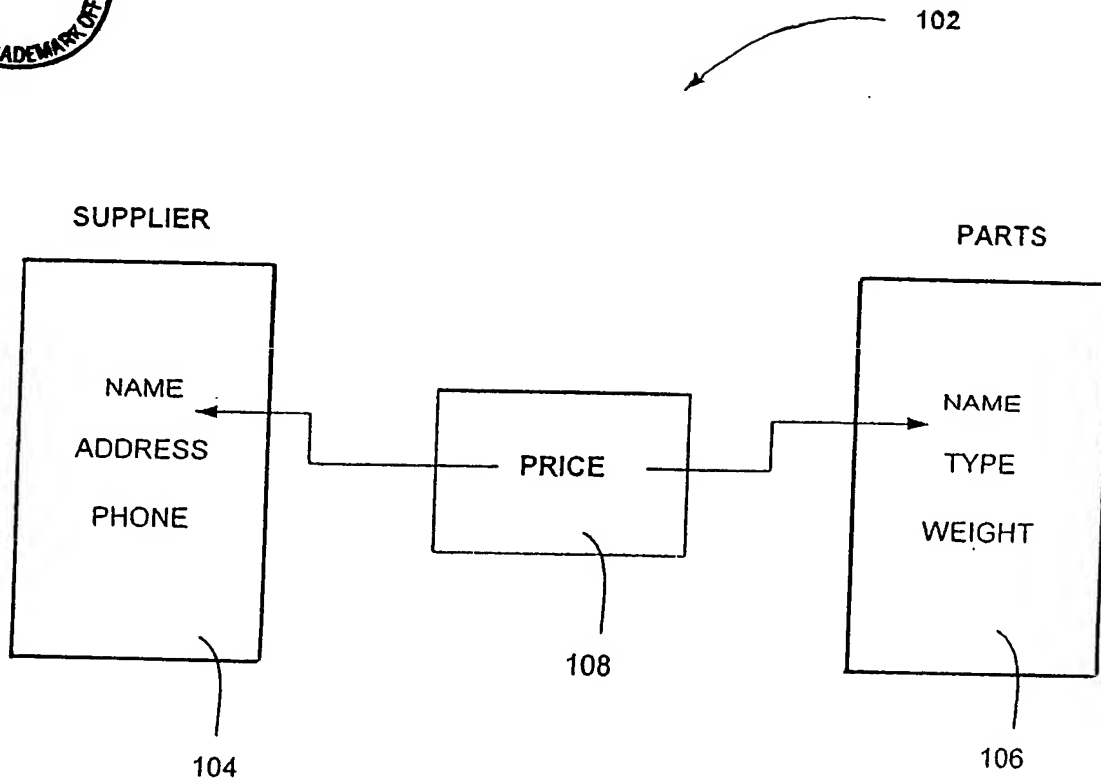


FIG. 1



SUPPLIER

	NAME
	ADDRESS
	PHONE

PARTS

	NAME
	TYPE
	WEIGHT

FIG. 2



## AMPERSAND

iBizApps



AME

<a href="#">Sites List</a> <a href="#">Create New Site</a>	<a href="#">Add Child</a>   <a href="#">Add Content</a>   <a href="#">Delete Data</a>   <a href="#">Move Node</a>   <a href="#">New Node</a>   <a href="#">Download</a>   <a href="#">Validate UDM</a>   <a href="#">Preview HTML</a>						
---	---	--	--	--	--	--	--

---

**practical Sample**

Sat Site Options  
List UDMs in Site

Create Standard UDMs

Create Custom UDM

Edit session variables

UDM name: supplierParts  
 UDM type: custom

- 0 ☒ - supplierParts
- 1   ☒ - supplier
  - 2       - Id
  - 3       - Name
  - 4       - Address
  - 5       - Phone

### Add a child to node supplier

Step 3. Specify database parameters for retrieving data:

New node's type: Part

Choose terms for data retrieval:

Part.id = ☐ None

Additional bindings	
<input type="radio"/> None	
<input type="radio"/> Link.Supplier_id . 727	
Link.Part_id	Part.Id

Fig. 3



AMBERSAND

iBizApps

AMI

Sites List

Create New Site

ntentSample

Set Site Options

List UDMs in Site

Create Standard UDMs

Create Custom UDM

Edit session variables

UDM name: supplierParts

UDM type: custom

0 ☐ - supplierParts

1 ☐ - supplier

2 ☐ - Id

3 ☐ - Name

4 ☐ - Address

5 ☐ - Phone

6 ☐ - parts

7 ☐ - Id

8 ☐ - Name

9 ☐ - Weight

Parts supplied by \${supplierParts.supplier.name}

Name \${supplierParts.supplier.Name}

Address \${supplierParts.supplier.Address}

Phone \${supplierParts.supplier.Phone}

Name \${supplierParts.supplier.parts.Name}

Weight \${supplierParts.supplier.parts.Weight}

Fig. 4

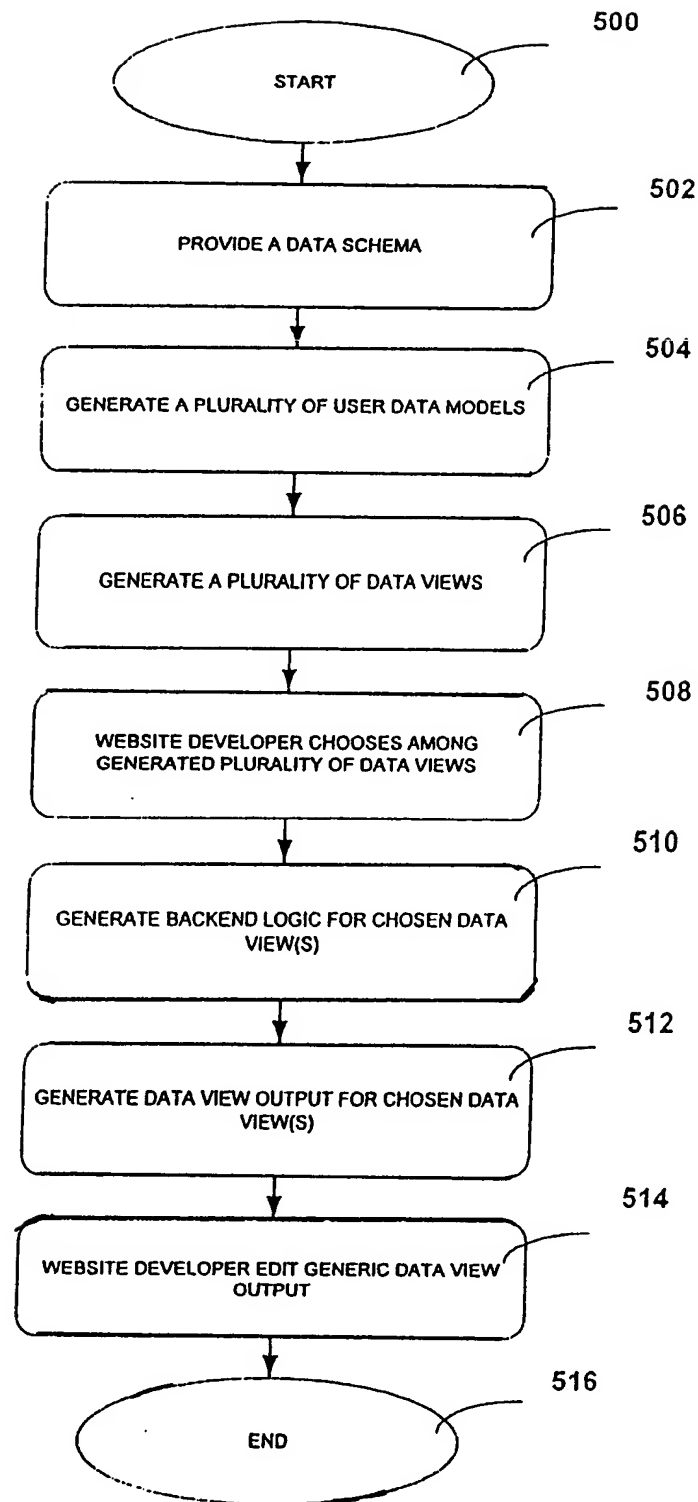


FIG. 5

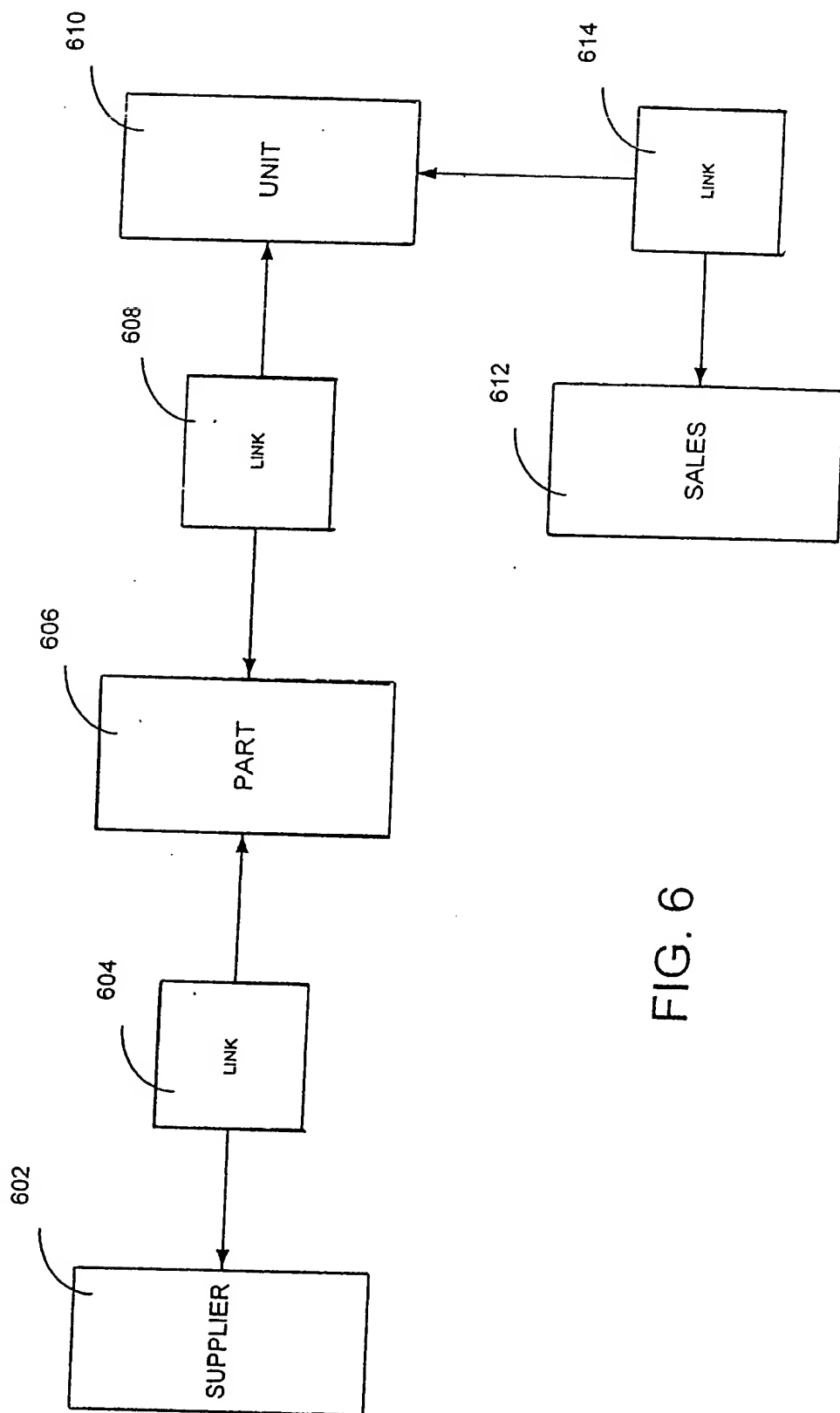


FIG. 6



SUPPLIER

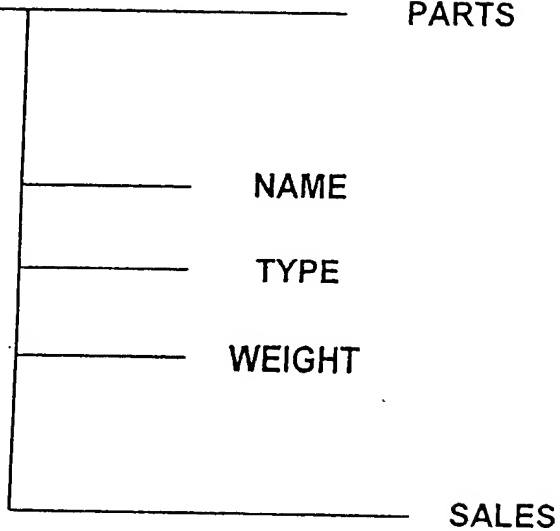
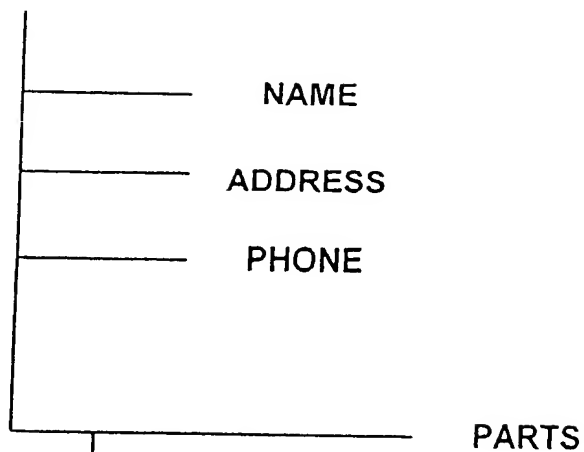
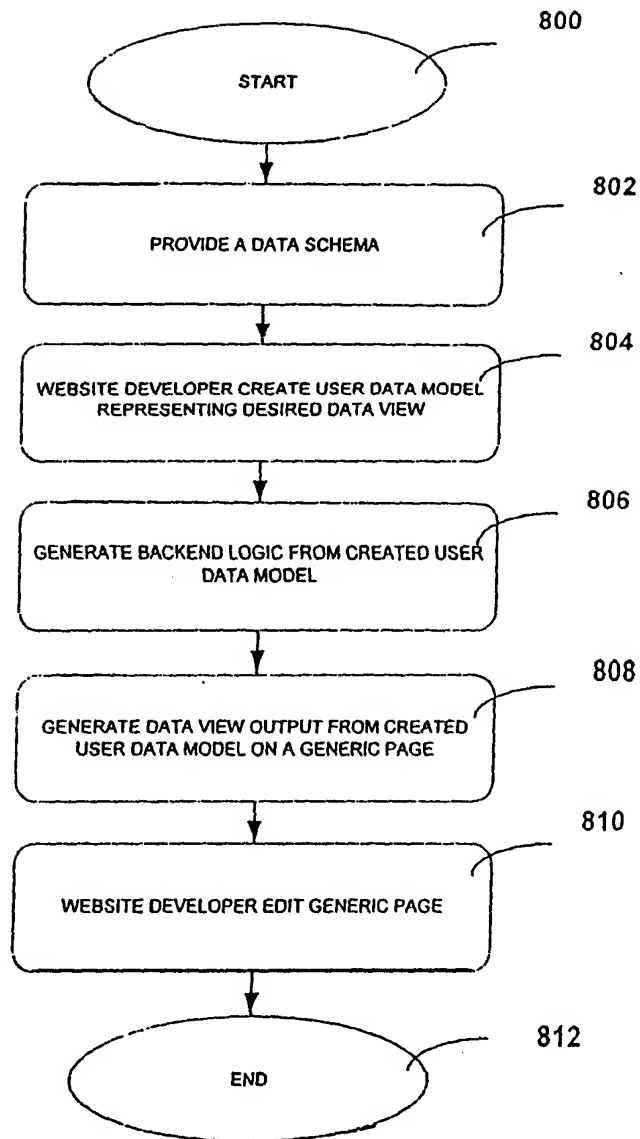


FIG. 7



**FIG. 8**



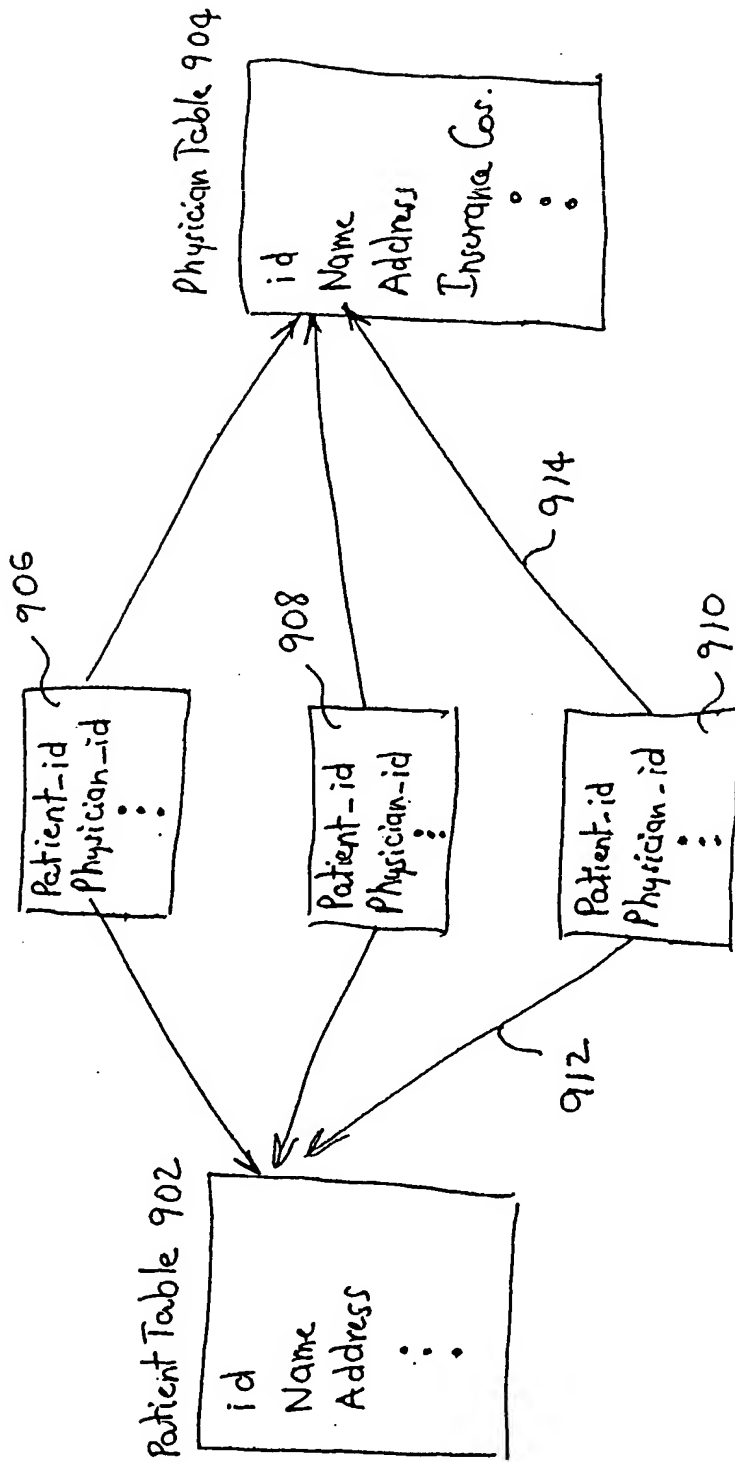
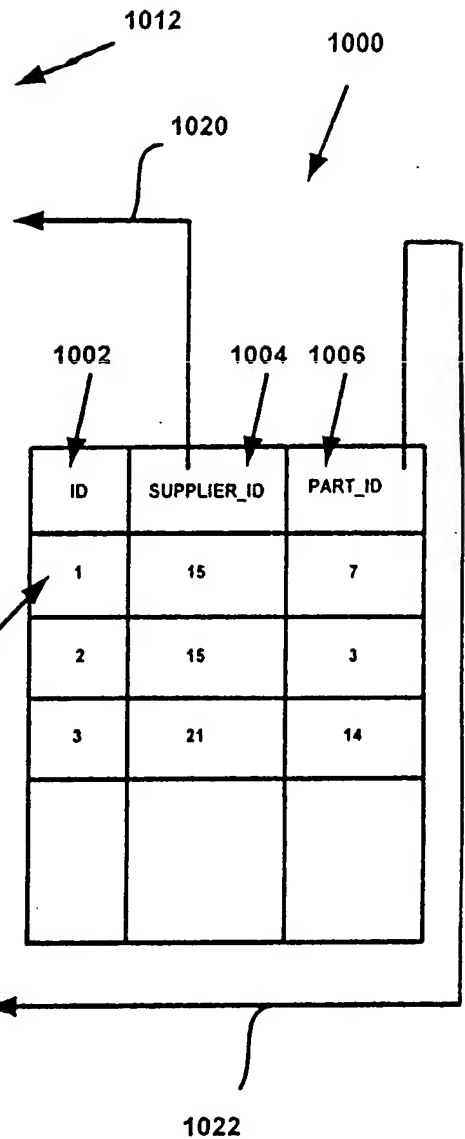


Fig. 9



RECORD ID	NAME	ADDRESS	CITY	STATE
15	ACME TECHNOLOGIES	123 SPRING ST	RENO	NV
21	PAPER-R-US	17 TECHNOLOGY DR.	SAN JOSE	CA



1014

1016

RECORD ID	NAME	TYPE	DESCRIPTION
3	SHOE POLISH	PERSONAL SUPPLIES	BLACK
7	TOOTH PASTE	RESALE	FLOURIDE ENHANCED
14	PAPER CLIP	OFFICE SUPPLIES	PLASTIC SIZE 4

FIG. 10

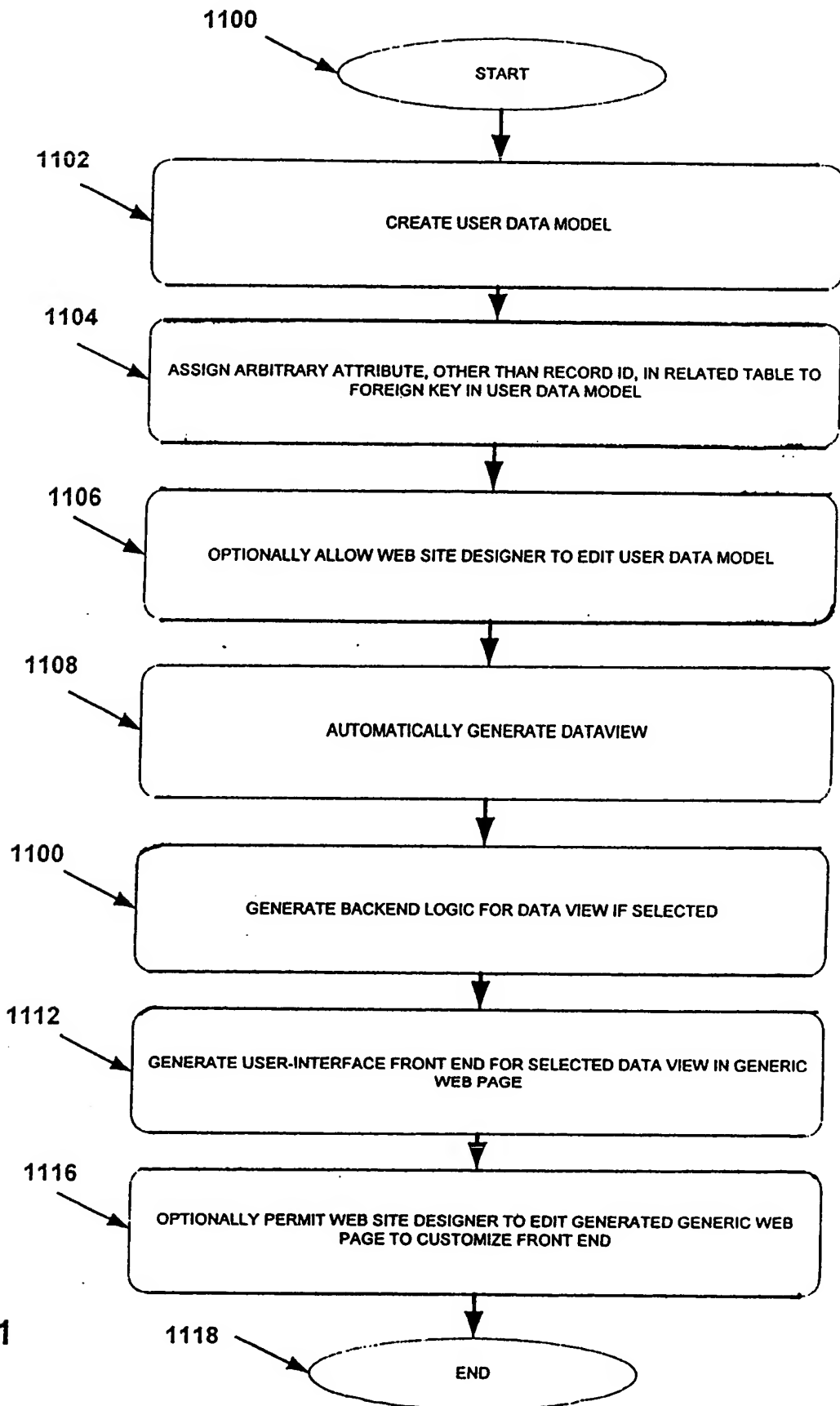


FIG. 11

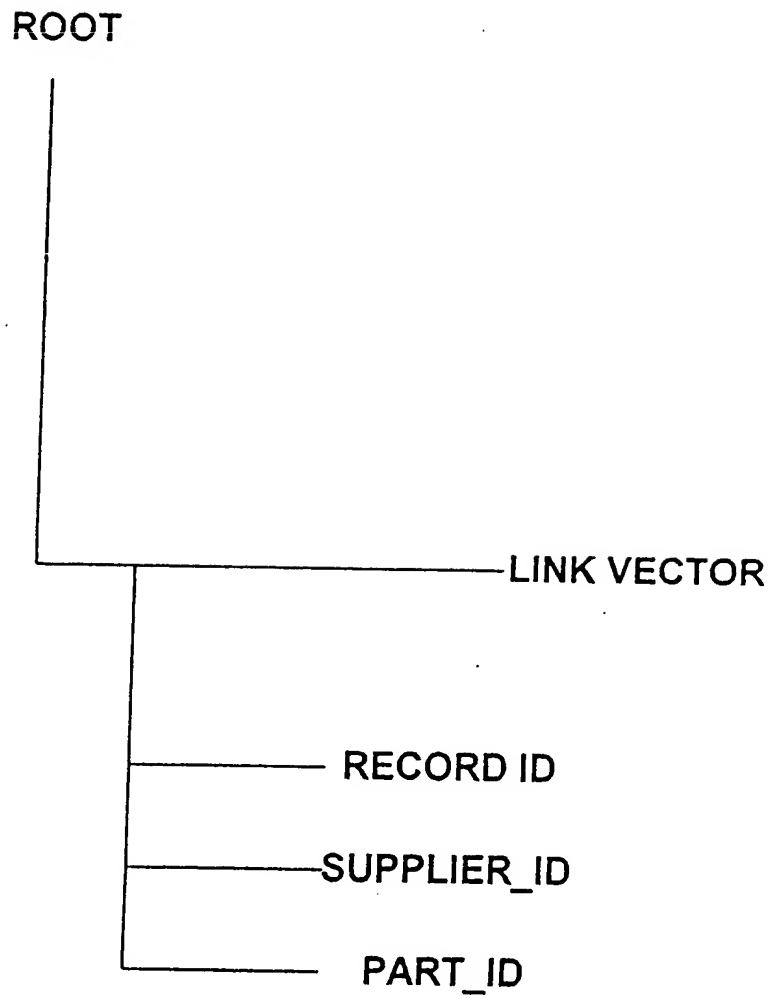


FIG. 12



RECORD ID	SUPPLIER ID	PART ID
1	ACME TECHNOLOGIES	TOOTH PASTE
2	ACME TECHNOLOGIES	SHOE POLISH
3	PAPER-R-US	PAPER CLIP

FIG. 13



RECORD ID	NAME	ADDRESS	CITY	STATE	Supplier-Part ID
15	ACME TECHNOLOGIES	123 SPRING ST	RENO	NV	2
21	PAPER-R-US	17 TECHNOLOGY DR	SAN JOSE	CA	1

1014

1016

RECORD ID	NAME	TYPE	DESCRIPTION	Supplier-Part ID
3	SHOE POLISH	PERSONAL SUPPLIES	BLACK	1
7	TOOTH PASTE	RESALE	FLUORIDE ENHANCED	1
14	PAPER CLIP	OFFICE SUPPLIES	PLASTIC SIZE 4	1

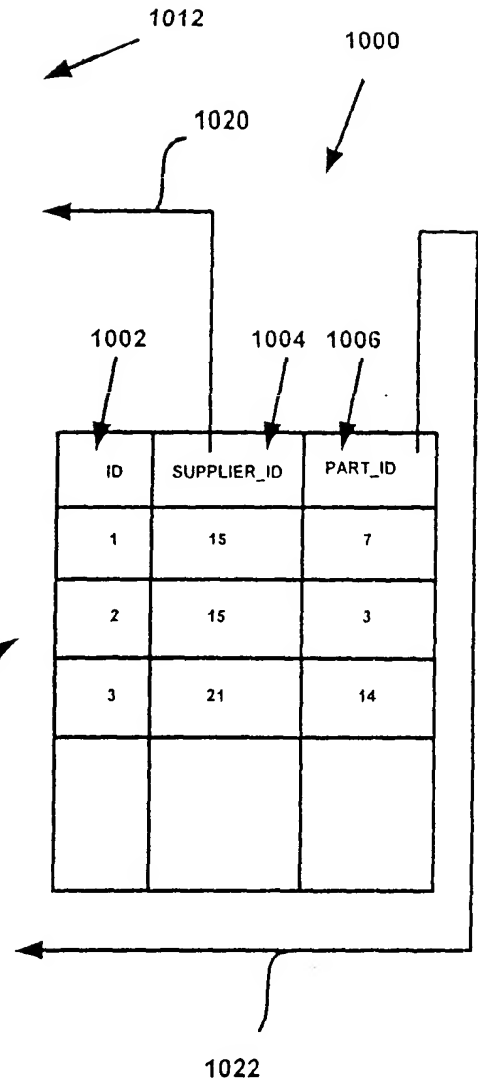


FIG. 14



RECORD ID	NAME	ADDRESS	CITY	STATE	Supplier- Part ID	Supplier- Invoice ID
15	ACME TECHNOLOGIES	123 SPRING ST	RENO	NV	<u>2</u>	<u>5</u>
21	PAPER-R-US	17 TECHNOLOGY DR.	SAN JOSE	CA	<u>1</u>	<u>3</u>

FIG. 15



File Edit View Favorites Tools Help  
Address http://192.168.0.7:42432/zcSite/reverseFkForPatent/index.html

Welcome to SupplierSite

List

Category  
Invoice  
Part  
Supplier  
Supplier\_part\_link

## List Category

	#	NAME ▶	SUPPLIER CATEGORY ▶ ID COUNT
Custom	1 <input type="checkbox"/>	<u>Consumable goods</u>	1
	2 <input type="checkbox"/>	<u>Durable goods</u>	2
	3 <input type="checkbox"/>	<u>Software</u>	1

Delete Search Add

Fig. 16A





File Edit View Favorites Tools Help Links Slashdot

Address http://192.168.0.7:42432/zcSite/reverseFkForPatent/index.html

Welcome to SupplierSite

**Browse Supplier by Category**

List  
Category  
Invoice  
Part  
Supplier  
Supplier\_part\_link

Custom

Category

Name Consumable goods

Supplier list

#	NAME	STREET ADDRESS	CITY	INVOICE SUPPLIER ID COUNT	SUPPLIER PART LINK SUPPLIER ID COUNT
1	<u>Acme Technologies</u>	123 Spring Street	Reno	2	2
2	<u>Universal Paper Clips Inc.</u>	18 Metal Oval	Sunnyvale	0	0

Internet

Fig. 16B



File Edit View Favorites Tools Help Links Screenshot

Address http://192.168.0.7:42432/zcSite/reverseFkForPatent/index.html

Welcome to SupplierSite

**Browse Invoice by Supplier**

List  
Category  
Invoice  
Part  
Supplier  
Supplier\_part\_link

**Supplier**

Custom	Name	Acme Technologies
	Street address	123 Spring Street
	City	Reno
	State	NV
	Category id	Consumable goods

**Invoice list**

#	INVOICE NUMBER	INVOICE DATE	AMOUNT
1	<u>5x-2000</u>	10/24/2000	\$1,220.00
2	<u>6x-2000</u>	10/27/2000	\$132.25


Done Internet

Fig. 16C



File Edit View Favorites Tools Help Links 2 StartUp

Address http://192.168.0.7:42432/zcSite/reverseFkForPatent/index.html

 Welcome to SupplierSite

List  
Category  
Invoice  
Part  
Supplier  
Supplier\_part\_link

Custom

## Browse Supplier part link by Supplier

---

Supplier

Name	Acme Technologies
Street address	123 Spring Street
City	Reno
State	NV
Category id	Consumable goods

---

Supplier part link list

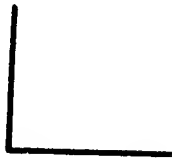
#	PART ID
1	<a href="#">Shoe polish</a>
2	<a href="#">Toothpaste</a>

Contains commands for working with the selected items

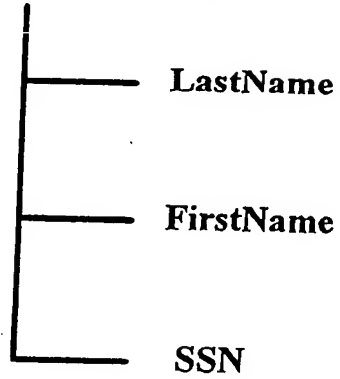
Fig. 16D



**Employee**



**Employee Infos**



1710



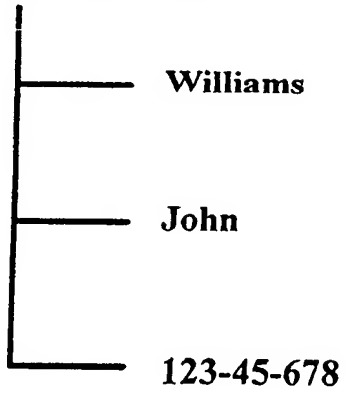
**Fig. 17**



**Employee**



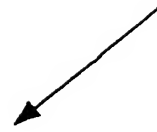
**Employee Infos**



**Fig. 18**



1910



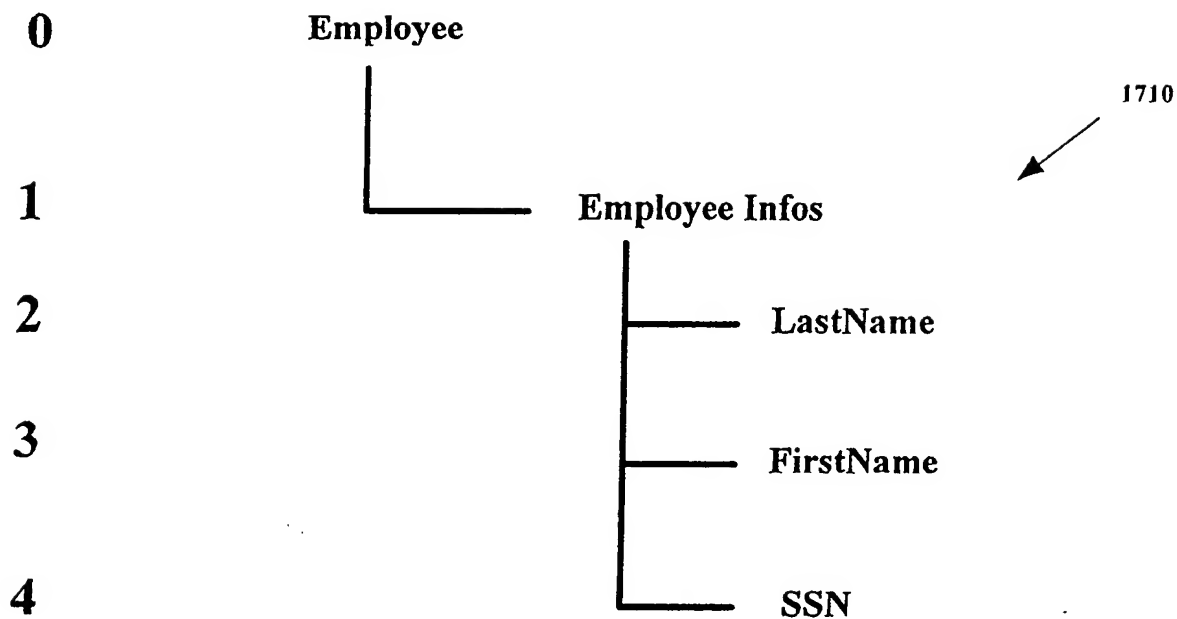
**Employee Data Input Form**

Last Name	<input type="text" value="Williams"/>	1912
First Name	<input type="text" value="John"/>	1914
Social Security Number	<input type="text" value="123-45-6789"/>	1916

Fig. 19



## Encoding



**Fig. 20**



LastName : <input name = "0-1-2">

**FIG. 21A**

FirstName : <input name = "0-1-3">

**FIG. 21B**

SSN : <input name = "0-1-4">

**FIG 21C**





UDM name: editOrder  
UDM type: custom

← 2210

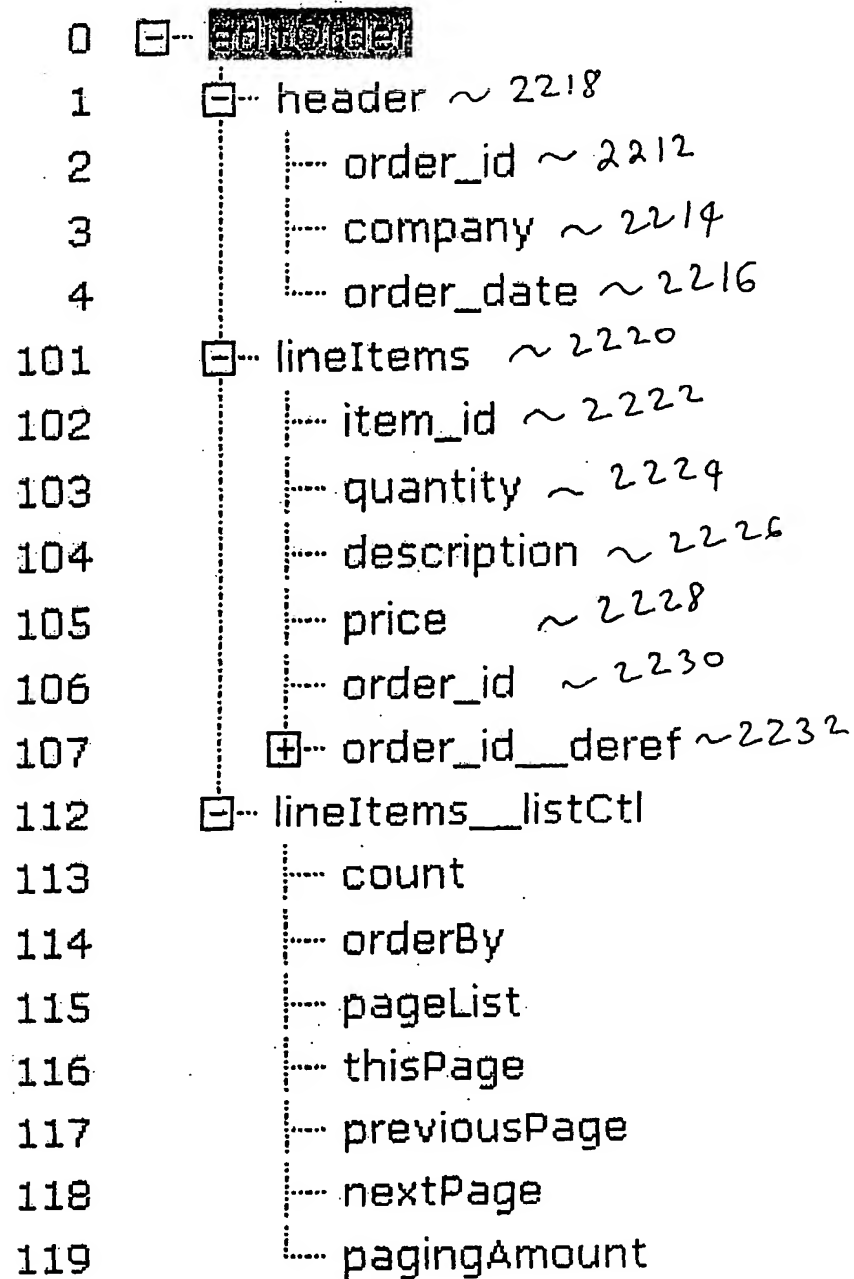


Fig. 22



# Order

2310  
↙

Company: Acme Corp. ~ 2312  
Order date: 10/13/2000 ~ 2314

3 items

Sort by

#	Quantity	Description	Price
1	<input type="text" value="4"/>	Shoes	<u>\$4.99</u>
2	<input type="text" value="6"/>	Toothpaste	<u>\$6.99</u>
3	<input type="text" value="7"/>	Comb	<u>\$1.99</u>

Fig. 23

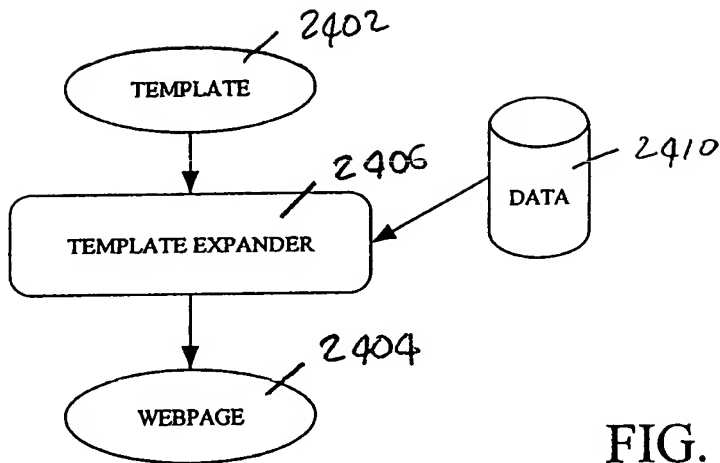


FIG. 24

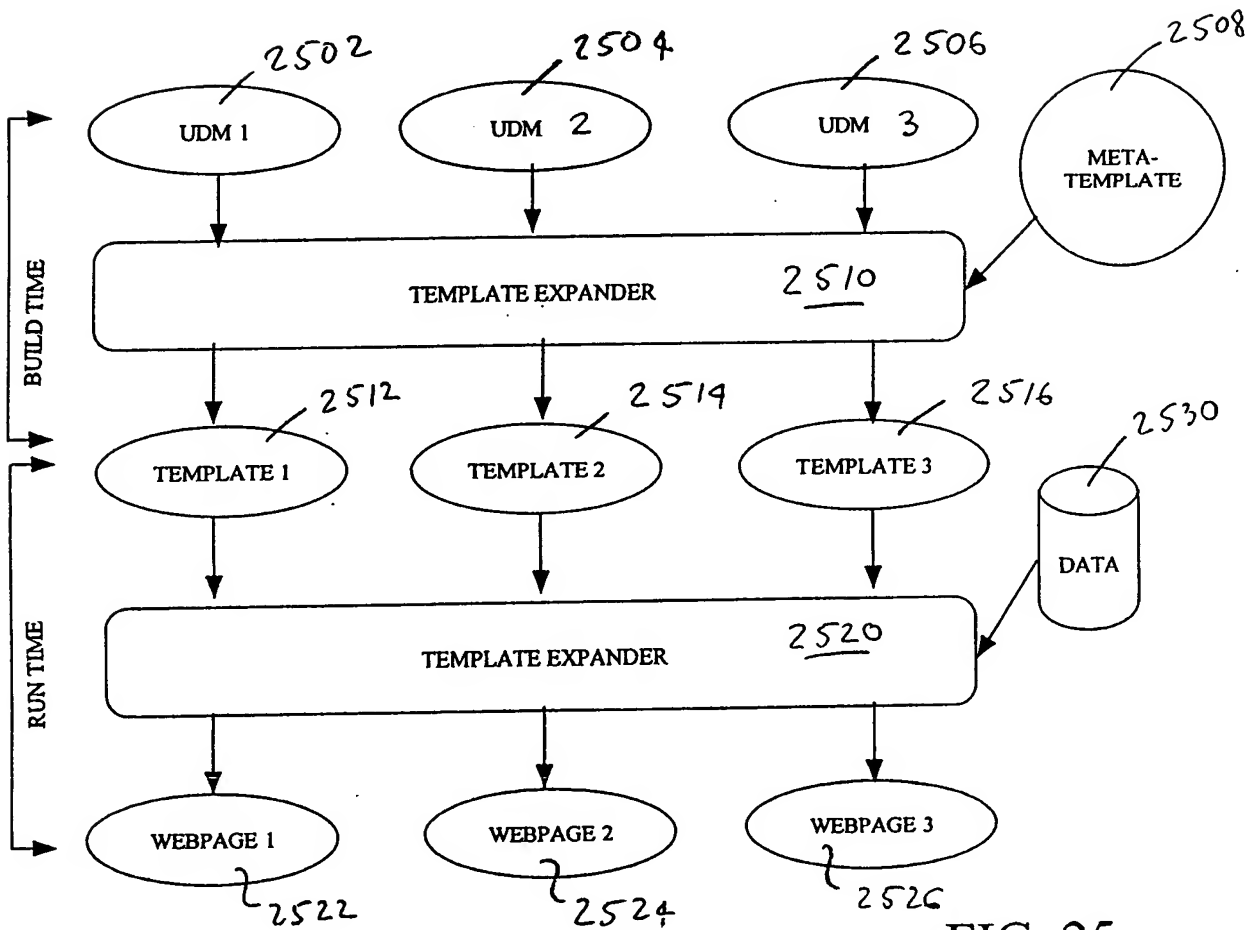


FIG. 25

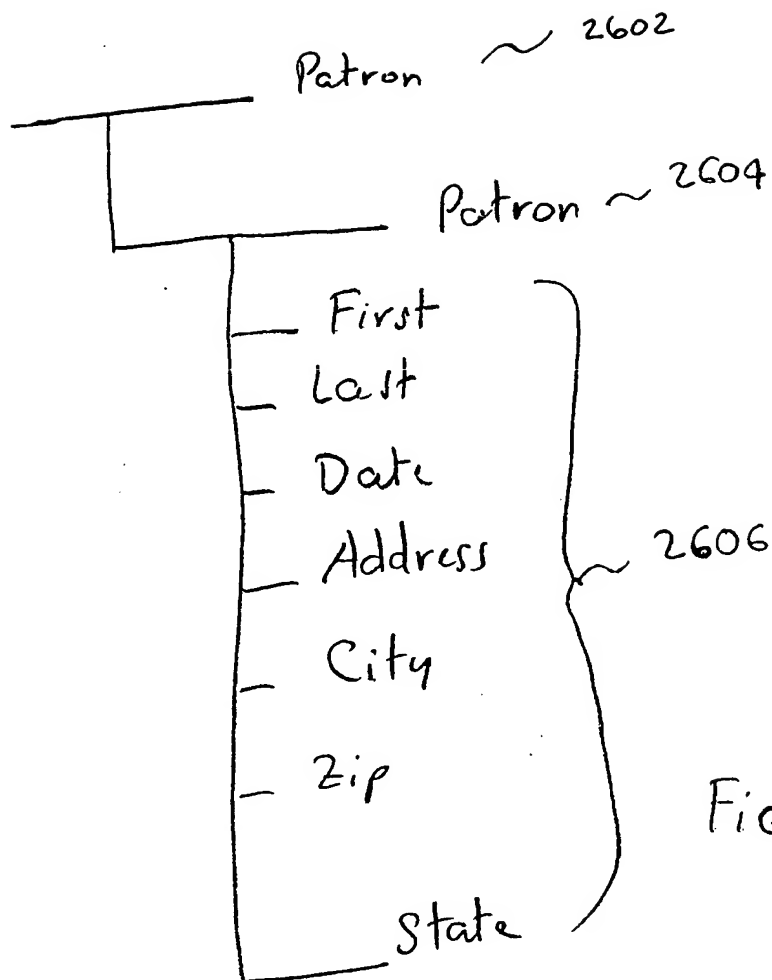


Fig. 26A

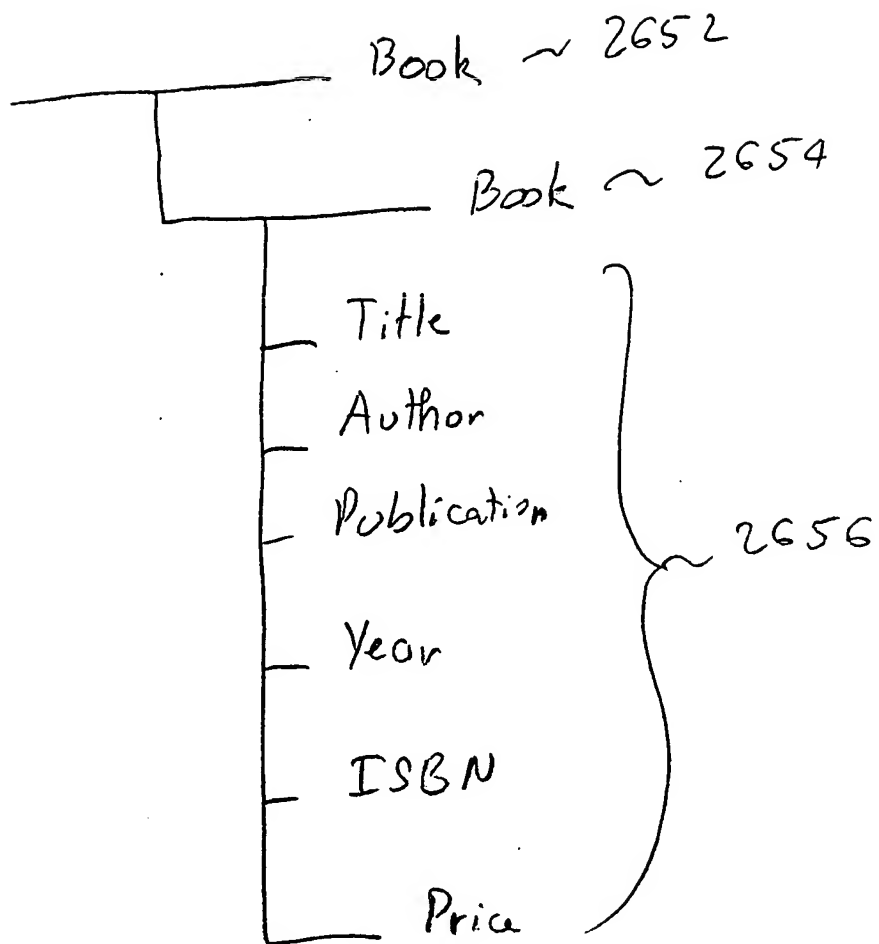



Fig. 26B



**Edit Patron Detail**

First name	Augusta
Last name	Wind
Date of birth	
Address	1 Easy St
City	Augusta
Zip	30333
State id	GA



**FIG. 27**



## Edit Book Detail

Title	Aches and pains
Author name	Arthur Itis
Publisher name	Humor Inc.
Year published	1998
ISBN	
Price	0



FIG. 28



## Edit Patron Detail

First name	Augusta
Last name	Wind
Date of birth	
Address	1 Easy St.
City	Augusta
Zip	30333
State id	GA

Submit

FIG. 29





## Edit Book Detail

<i>Title</i>	Aches and pains
<i>Author name</i>	Arthur Itis
<i>Publisher name</i>	Humor Inc.
<i>Year published</i>	1998
<i>ISBN</i>	
<i>Price</i>	0



FIG. 30